Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 12 Jan 2023 until 23:59 on Friday 13 Jan 2023

Forecast Issued on Wednesday 11 Jan 2023 at 12:45

Confidence: High for unsettled for much of the period, also for turning to a colder more sheltered northerly for Monday, but lowering confidence for detail of timing and intensity of worst of weather due to the mobile nature of the westerly flow prior to Monday's northerly.

Headline for Thursday 12 Jan 2023: Unsettled and turning windy.

Mountain weather hazards on Thursday 12 Jan 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Cloudy	Light rain showers	Light rain showers	Light rain showers (night)	Light rain
Precipitation probability							
90%	70%	60%	20%	30%	40%	30%	40%

Forecast for Thursday 12 Jan 2023

Weather: Cloudy overnight with rain, perhaps heavy at times during the early hours, turning light and patchy before dawn. Dull start to Thursday with some patchy light rain about, but largely dry from mid-morning with some limited brighter spells appearing late morning. Mix of sunshine and showers for the afternoon. Showers merging to longer periods of occasionally heavy rain during the mid to late evening.

Chance of cloud-free hill tops above 600m: 20% early morning, becoming 80% late morning, 60% for the afternoon then 20% during evening

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases quite extensive down to 500m early morning, infrequently so late morning, occasionally for the afternoon and extensive again late evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 12 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/37 SW	32/44 W	27/37 W	25/35 SW	29/42 SW	27/39 W	29/42 SW	31/45 SW	35/52 SW
300	22/32 S	24/36 W	20/30 W	17/28 SW	22/34 SW	20/33 SW	22/34 SW	23/35 SW	28/43 SW
Valley	13/29 S	17/37 W	13/27 W	11/25 SW	15/33 SW	14/31 W	16/34 SW	16/34 SW	20/42 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	6/0	6/0	6/0	7/2	4/-2	2/-5	2/-6	2/-6
300	7/2	9/4	8/4	8/4	9/5	7/3	5/-0	4/-1	5/-2
Valley	7/3	9/5	8/5	8/5	10/6	8/4	5/1	5/0	5/0
Freezing Level*	1600m	1700m	1700m	1600m	1600m	1100m	800m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some difficult conditions early with quite extensive hill fog.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 11 Jan 2023	7.2mm	27.2mm	31.6mm

Forecast for Friday 13 Jan 2023

Weather: An unsettled, generally cloudy and showery day with some snow above 600m. Showers occasionally heavy and potentially merging to longer outbreaks at times, particularly early morning and during the evening. Gales across summits at first.

Maximum wind: West or southwest initially mean 35-40mph with gusts reaching 50-55mph across most exposed ridges and summits. Winds easing gradually through the day.

Chance of cloud-free hill tops above 600m: 70% for any one time, but very low for extended periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases occasionally lowering to 500m

Temperature: **Valleys:** Plus 3 Celsius increasing 9 Celsius during the afternoon
At 600m: Plus 2 Celsius
Freezing level: 700-800m

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